

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	09/887,661
Filing Date	08/03/2001
First Named Inventor	Pramod K. Arora
Group Art Unit	1762-1712
Examiner Name	Radgett Robertson
Attorney Docket Number	495263010035 (003)

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner
Signature

Jeffrey B. Novack

Date
Considered

6/30/73

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		Examiner Name	Padgett
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Sheet	2	of	3

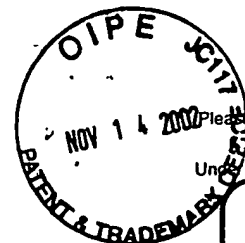
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		W.C. BIGELOW et al, "Oleophobic Monolayers," Colloid Sci., 1, 513-38 (1946)	
		E.E. POLYMERPOULOS et al, "Electrical Conduction Through Adsorbed Monolayers," J. Chem. Phys., 69, 1836-1847 (1978)	
		CAI, CHENGZHI et al, "Self-Assembly in Ultrahigh Vacuum: Growth of Organic Thin Films with a Stable In-Plane Directional Order," J. Am. Chem. Soc., 120, 8563-8564 (1998)	
		PARIKH, A.N. et al, "n-Alkylsiloxanes: From Single Monolayers to Layered Crystals," J. Am. Chem. Soc., 119, 3135-3143 (1997)	
		BANEY, RONALD H., et al, "Silsesquioxanes," Chem. Rev., 95, 1409 - 1430 (1995).	
		LOY, DOUGLAS A., et al, "Bridged Polysilsesquioxanes," Chem. Rev., 95, 1431-1442 (1995).	
		FORREST, STEPHEN R., "Ultrathin Organic Films Grown by Organic Molecular Beam Deposition and Related Techniques," Chem. Rev., 119, 1793-1896 (1997).	
		LEE, LIENG-HUANG, "Wettability and Conformation of Reactive Polysiloxanes," J. Colloid & Interface Sci., 27, 751-760 (1968).	
		PERI, J.B., "Infrared study of OH and NH ₂ Groups on the Surface of a Dry Silica Aerogel," J. Phys. Chem., 70, 2937-2945 (1966).	
		ARMISTEAD, C.G. et al, "Reactions of Chloromethyl Silanes with Hydrated Aerosil Silicas," Trans. Faraday. Soc., 63, 2549-2556 (1967).	
		HAIR, MICHAEL L. et al, "Reactions of Chlorosilanes with Silica Surfaces," J. Phys. Chem., 73, 2372 - 2378 (1969).	

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		TRIPP, C.P. et al, " Reaction of Chloromethylsilanes with Silica," Langmuir, 7, 923-927 (1991).	
		TRIPP, C.P. et al, "Effect of Fluoroalkyl Substituents on the Reaction of Alkylchlorosilanes with Silica Surfaces," Langmuir, 9, 3518-3522, (1993).	
		HOFFMAN, PATRICK W. et al, "Vapor Phase Self-Assembly of Flourinated Monolayers on Silicon and Germanium Oxide," Langmuir, 13, 1877-1880 (1997).	

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